



012627-022.ST25

SEQUENCE LISTING

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Flower, Robert
Winkler, Ingrid

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and the Use Thereof

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<140> US 09/868,502

<141> 2002-02-02

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<213> Feline foamy virus

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Ile	Pro	Asp	Phe	Thr	Glu	Leu	Ile	Ala	Pro	Leu	Tyr	Ala	Leu	Ile	Pro
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Lys	Ser	Thr	Lys	Asn	Tyr	Val	Pro	Trp	Gln	Ile	Glu	His	Ser	Thr	Thr


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<210> 10
<211> 982
<212> PRT
<213> Feline foamy virus
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<400> 10																
Met	Glu	Gln	Glu	His	Val	Met	Thr	Leu	Lys	Glu	Trp	Met	Glu	Trp	Asn	
1				5					10					15		
Ala	His	Lys	Gln	Leu	Gln	Lys	Leu	Gln	Ser	Thr	His	Pro	Glu	Leu	His	
			20					25					30			
Val	Asp	Ile	Pro	Glu	Asp	Ile	Pro	Leu	Val	Pro	Glu	Lys	Val	Pro	Leu	
		35					40					45				
Lys	Met	Arg	Met	Arg	Tyr	Arg	Cys	Tyr	Thr	Leu	Cys	Ala	Thr	Ser	Thr	
	50					55					60					
Arg	Ile	Met	Phe	Trp	Ile	Leu	Phe	Phe	Leu	Leu	Cys	Phe	Ser	Ile	Val	
65					70					75				80		
Thr	Leu	Ser	Thr	Ile	Ile	Ser	Ile	Leu	Arg	Tyr	Gln	Trp	Lys	Glu	Ala	
				85				90						95		
Ile	Thr	His	Pro	Gly	Pro	Val	Leu	Ser	Trp	Gln	Val	Thr	Asn	Ser	His	
			100					105					110			
Val	Thr	Met	Gly	Gly	Asn	Thr	Ser	Ser	Ser	Ser	Arg	Arg	Arg	Arg	Asp	

580	585	590
Leu Asn Asp Gln Lys Leu Ala Lys Gly Val His Leu Leu Arg Asp His		
595	600	605
Val Val Thr Leu Met Glu Ala Asn Leu Asp Asp Ile Val Ser Leu Gly		
610	615	620
Glu Gly Ile Gln Ile Glu His Ile His Asn His Leu Thr Ser Leu Lys		
625	630	635
Leu Leu Thr Leu Glu Asn Arg Ile Asp Trp Arg Phe Ile Asn Asp Ser		
645	650	655
Trp Ile Gln Glu Glu Leu Gly Val Ser Asp Asn Ile Met Lys Val Ile		
660	665	670
Arg Lys Thr Ala Arg Cys Ile Pro Tyr Asn Val Lys Gln Thr Arg Asn		
675	680	685
Leu Asn Thr Ser Thr Ala Trp Glu Ile Tyr Leu Tyr Tyr Glu Ile Ile		
690	695	700
Ile Pro Thr Thr Ile Tyr Thr Gln Asn Trp Asn Ile Lys Asn Leu Gly		
705	710	715
His Leu Val Arg Asn Ala Gly Tyr Leu Ser Lys Val Trp Ile Gln Gln		
725	730	735
Pro Phe Glu Val Leu Asn Gln Glu Cys Gly Thr Asn Ile Tyr Leu His		
740	745	750
Met Glu Glu Cys Val Asp Gln Asp Tyr Ile Ile Cys Glu Glu Val Met		
755	760	765
Glu Leu Pro Pro Cys Gly Asn Gly Thr Gly Ser Asp Cys Pro Val Leu		
770	775	780
Thr Lys Pro Leu Thr Asp Glu Tyr Leu Glu Ile Glu Pro Leu Lys Asn		
785	790	795
Gly Ser Tyr Leu Val Leu Ser Ser Thr Thr Asp Cys Gly Ile Pro Ala		
805	810	815
Tyr Val Pro Val Val Ile Thr Val Asn Asp Thr Ile Ser Cys Phe Asp		
820	825	830
Lys Glu Phe Lys Arg Pro Leu Lys Gln Glu Leu Lys Val Thr Lys Tyr		
835	840	845
Ala Pro Ser Val Pro Gln Leu Glu Leu Arg Val Pro Arg Leu Thr Ser		
850	855	860
Leu Ile Ala Lys Ile Lys Gly Ile Gln Ile Glu Ile Thr Ser Ser Trp		
865	870	875
Glu Thr Ile Lys Glu Gln Val Ala Arg Ala Lys Ala Glu Leu Leu Arg		
885	890	895
Leu Asp Leu His Glu Gly Asp Tyr Pro Glu Trp Leu Gln Leu Leu Gly		
900	905	910
Glu Ala Thr Lys Asp Val Trp Pro Thr Ile Ser Asn Phe Val Ser Gly		
915	920	925
Ile Gly Asn Phe Ile Lys Asp Thr Ala Gly Gly Ile Phe Gly Thr Ala		
930	935	940
Phe Ser Phe Leu Gly Tyr Val Lys Pro Val Leu Leu Gly Phe Val Ile		
945	950	955
Ile Phe Cys Ile Ile Leu Ile Ile Lys Ile Ile Gly Trp Leu Gln Asn		
965	970	975
Thr Arg Lys Lys Asp Gln		
980		

<210> 11

<211> 209

<212> PRT

<213> Feline foamy virus

<400> 11

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Met Ala Ser Lys Tyr Pro Glu Glu Gly Pro Ile Thr Glu Gly Val Glu
1      5      10      15
Glu Asp Phe Asn Ser His Ser Thr Ser Gly Leu Asp Leu Thr Ser Gly
20      25      30
Asn Lys Glu Glu Pro Leu Ile Ser Leu Ala Leu Leu Ser Met His Thr
35      40      45
Ser Lys Ile Val Val Trp Ile Arg Asp His Phe Phe Val Lys Ile Leu
50      55      60
Ser Phe Gly Gly Lys Gln Lys Leu Tyr Tyr Ile Cys Asn Gln Cys His
65      70      75      80
Lys Gly Ile Pro Glu Ser Gly Tyr Ile Thr Leu Asn Thr Lys Tyr Tyr
85      90      95
Leu Tyr Glu Lys Gly Pro Thr Glu Thr Gly Thr Lys Gly Leu Thr Leu
100     105     110
Met Arg Arg His Val Gln Asn Ser Pro Cys Phe Leu Asn Ser Arg Lys
115     120     125
Glu Ser Gly Thr Pro Lys Thr Asp Pro Thr Arg Pro Ala Thr Ser Tyr
130     135     140
Ser Leu Cys Arg Ser Asp Tyr Gln Glu Ala Gly Cys Ser Arg Pro Thr
145     150     155     160
Pro Ser Asn Ser Glu Ser Val Cys Asn Gly Leu Gly Gln Pro Ser Glu
165     170     175
Arg Gly His Thr Ser Gly Glu Ser Gly Gly Ile Met Glu Glu Val Ser
180     185     190
Phe Ile Ser Trp Leu Glu Gly Leu Trp Gly Glu Gly Phe Asp Tyr Ala
195     200     205
Asn

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<210> 12

<211> 357

<212> PRT

<213> Feline foamy virus

<400> 12

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Thr Val Gly Lys Asn Pro Glu His Pro Arg Arg Ile Leu Leu Val Leu
1      5      10      15
Gln His Leu Ile Ala Tyr Ala Glu Ala Thr Ile Lys Lys Gln Asp Val
20      25      30
Pro Gly Pro Leu Leu Pro Ile Leu Ser Pro Tyr Val Met Ala Trp Asp
35      40      45
Asn Pro Gln Asn Val Val Thr Arg Leu Val Asn Leu Gly Glu Ser Trp
50      55      60
Lys Lys Tyr Leu Leu Ser Pro Gly Trp Lys Asp Cys Gly Glu Arg Asp
65      70      75      80
Leu Thr Met Leu Thr Arg Glu Leu Leu Val Pro Gly Ile Gly Leu Val
85      90      95
Gln Ile Ala Ala Thr Leu Thr Lys Thr Tyr Val Leu Met Cys Asn Gly
100     105     110
Arg Cys Ile Thr Gly Ser Arg Thr Asp Pro Asp Cys Asp Pro Leu Phe
115     120     125
Cys Lys Leu Leu Cys Trp Lys Gln Asn Ile Gln Asp Pro Arg Glu Cys
130     135     140
Asn Leu Glu Glu Trp Cys Leu Tyr Ser Leu Asp Pro Glu His Asp Pro
145     150     155     160
Leu Trp Asp Pro Lys Met Ile Val Arg Arg His Arg Asn Leu Leu Pro

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